

ABBREVIATION

Abs :	Absorbance
AgNP :	Silver Nano particle
AOP :	Advanced Oxidation Processes
BET :	Brunauer-Emmett-Teller
CFU :	Colony Forming Unit
CVD :	Chemical Vapour Deposition
CLSI :	Clinical and Laboratory Standards Institute
DETA :	Diethylenetriamine
DMSO :	Dimethyl Sulfoxide
DNA :	Deoxyribo Nucleic Acid
DR1 :	Disperse Red 1
DTGA :	Differential Thermogravimetric Analysis
EC :	European Commission
EDA :	Ethylenediamine
EtOH:	Ethanol
FTIR:	Fourier-transform infrared spectroscopy
FE-SEM:	Field emission scanning electron microscopy
g :	Gram
JEOL :	Japan Electron Optics Laboratory
max:	Maximum
MIC:	Minimum inhibitory concentration
mL:	mililiter

mM:	Micro molar
mmol:	milimole
MHB:	Muller Hinton Broth (MHB)
Mw:	Molecular weight
MWD :	Molecular Weight Distribution
GPC :	Gel Permeation Chromatography
nm :	Nanometer
NP :	Nanoparticles
NMR:	Nuclear Magnetic Resonance
OD :	Optical Density
PBS :	Phosphate-buffered saline
PF :	Phenol Formaldehyde
ROS :	Reactive Oxygen Species
SPR :	Surface Plasmon Resonance
STA :	Simultaneous Thermal Analyzer
TGA :	Thermogravimetric analysis
TEM :	Transmission Electron Microscopy
THF:	Tetrahydro Furan
UV:	Ultra violet
V :	Volume
Y _c :	Char yield